PWG 71

Extra Item Rate List

ame of work :- Development of Yelahanka Govt Degree collage and Ayurvedic Hospital and Providing Grill Fencing and other developmental works to Rajiv Gandhi park, tree park, Nethaji park, Basaveshwara park, ıdicial layout park and someshwara hill of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants PACKAGE No-01

Sl.No.	Item of Work	Unit	Approximate Quantity	Rate	Amount in Rs.	Whether the items are alternative to items in the tender or whether they are additional items (If items are in lieu of some items in the accepted tender, such items should be mentioned	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the extra item is included in the schedule of rate of the Division. If so reference to this item of the schedule to be given, If not data sheets should accompany the rate list	Remarks
1	2		3	4	5	6	7	8	9	10
EX-1	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete (KWPD 2021-22, V-II, Item No.10.15.1, Page No.71)	Cum	58.54	4510.55	264061.06	Additional item	No	In the revised estimate to be sanctioned later		
EX-2	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour,	Cum	88.15	7456.89	657311.91	Additional item	No	In the revised estimate to be sanctioned later		

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Extra Item Rate List

Name of work :- **Development of Yelahanka Govt Degree collage and Ayurvedic Hospital and Providing Grill Fencing and other developmental works to Rajiv Gandhi park, tree park, Nethaji park, Basaveshwara park, judicial layout park and someshwara hill of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants PACKAGE No-01**

Sl.No.	Item of Work	Unit	Approximate Quantity	Rate	Amount in Rs.	Whether the items are alternative to items in the tender or whether they are additional items (If items are in lieu of some items in the accepted tender, such items should be mentioned	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the extra item is included in the schedule of rate of the Division. If so reference to this item of the schedule to be given, If not data sheets should accompany the rate list	Remarks
1	2		3	4	5	6	7	8	9	10
EX-3	Name Board (Data Rate Approved)	Each	1600.00	192.59	308136.00	Additional item	No	In the revised estimate to be sanctioned later	-	
EX-4	High quality long throw multi color wash light, Protection Rating : IP65, Additional wall mount yoke arrangements for fixing the lights. Power consumption: 150W, CCT : RGBW, Beam Angle 25º / 45º, Control : DMX512, Die casted / extruded aluminium body, Optics Designed to minimize hot spots & fringing in color mixing applications. Power Input : DC 24V (without DC Driver)Code: AK WASH 150 RGBW / Equivalent	Nos	8.00	35140.00	281119.97	Additional item	No	In the revised estimate to be sanctioned later		
EX-5	Power Distribution Board made up of MS Sheet metal fabricated housing black powder coated and iveryconnectors for the internal terminations and external outgoing connecting points, fibre / brass glands of suitablesize fitted MCB control for outgoing circuits. - 12 Nos of 6/10A SP Outgoing MCB's. - 1No of 32A TPN Incoming MCB.	Nos	1.00	53091.00	53091.00	Additional item	No	In the revised estimate to be sanctioned later		
EX-6	Project Lighting Design, Show programming, Project Consulting, Installation, Commissioning, Client Team Training for Daily Operation & Final Handove	Each	1.00	494475.00	494475.00	Additional item	No	In the revised estimate to be sanctioned later		

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1	2		3	4	5	6	7	8	9	10
EX-7	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, upto 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. (Volume II Item -21.2 Pg no 189)	Sqm	1040.00	285.13	296535.10	Additional item.	No	In the revised estimate to be sanctioned later		
EX-8	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One coats on old work as per specifications and as per directions of Engineer in charge.	Sqm	246.83	67.56	16676.06	Additional item	No	In the revised estimate to be sanctioned later		

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1	2		3	4	5	6	7	8	9	10
EX-9	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per m2 as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 m or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. (Volume II Item - 7.38 Pg no 26)	Sqm	88.00	636.68	56027.45	Additional item	No	In the revised estimate to be sanctioned later		
EX-10	Supply, Installation, Testing and Commissioning of LED RGB/RGBW floodlighting luminaire for facade lighting with Die-cast aluminium housing, powder-coated finish, of following wattage. Luminaire shall be capable of producing dynamic color changing light for with 16 million colors by DMX/Ethernet based control. The beam angle of the fitting shall be narrow, medium, wide or asymmetric as per the requirement. Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from 100-270 V AC, 50 Hz with power factor > 0.9. Fixture shall be suitable to operate at an ambient temperature range of - 10°C to +50°C and shall be IP 65 and IK 06 rated. Lifetime shall be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS (IS 10322) and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required.(30v)	Nos	4.00	20839.78	83359.12	Additional item	No	In the revised estimate to be sanctioned later		

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1	2		3	4	5	6	7	8	9	10
WX-11	Supply, Installation, Testing and Commissioning of LED RGB/RGBW Linear Wall Washer luminaire for Facade lighting with aluminium extruded housing, of following wattage. Luminaire shall be capable of producing dynamic color changing light with 16 million colors by DMX/Ethernet based control. The beam angle of the fitting shall be narrow, medium, wide or asymmetric as per the requirement. Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from 100 to 270 V AC, 50 Hz, power factor > 0.9. Fixture shall be suitable to operate at ambient temperature range of -10°C to +50°C and shall be IP 65 and IK06 rated. Lifetime should be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required.(40v)	Nos	4.00	40651.05	162604.20	Additional item	No	In the revised estimate to be sanctioned later		
	Total				2673396.86					

$= \frac{2673396.86}{92878596.00} \times 100 = 2.88\%$

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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ಯಲಹಂಕ ವಲಯ
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